REPLY TO
ATTENTION OF

December 28, 2000

Mr. Michael Bayer
Chairman, Army Science Board
2511 Jefferson Davis Highway, Suite 11500
Arlington, Virginia 22202

Dear Mr. Bayer:

I request that the Army Science Board (ASB) conduct a study on "Knowledge Based Management and Information Reliability" to examine innovative ways of addressing technology issues that have the potential to "weigh down" our future warfighters with massive amounts of data. The study should address, but is not limited to, the Terms of Reference (TOR) Described below. Appointed ASB members to this study are to consider the TOR as guide lines and may expand the study to issues considered important to the study. Modifications to the TOR must be addressed with the Chairman of the ASB.

Background:

a. Information dominance will provide the underpinning of Objective Force Operations. Future adversaries will have access to advanced commercial information technology that can and will be used to asymmetrically disrupt United States operations. Therefore, it is imperative that our Forces have the adequate information assurance technologies that will enable relevant, reliable and easily understood information at all levels. Technology must be applied in the right mix to prevent weighing down our soldiers with an information glut that only adds more friction and confusion to the warfight.

b. I envisage that this study will identify potential knowledge management and information assurance technologies that will provide the future warfighter with relevant, reliable and easily understood information. The study should highlight science and technology opportunities that Army Leadership can exploit through a focused research, development and acquisition effort.

TOR: The study should be guided by, but not limited to the following TOR.

(1) Define Knowledge Management and Information Assurance technologies for the Objective Force.

(2) Define the strategy for conquering the information glut through fundamental soldier/team enabling technologies and processes from conceptual to geo-spatial.

(3) Examine technology and operational concepts to mitigate asymmetric threats.

(4) Provide a 2008-2012 roadmap to enable small, autonomous processing that facilitates knowledge production, sharing and decision making.

Study Sponsorship: Co-Sponsors for this study will be Deputy Chief of Staff for Intelligence and Director, Information Systems for Command, Control, Communications and Computers.

Study Duration: The study shall be completed by April 30, 2001.

Sincerely,

Paul J. Hoeper
Assistant Secretary of the Army
(Acquisition, Logistics and Technology)